

1Fw

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this Submission

Application Number

10/721,668

Filing Date

November 25, 2003

First Named Inventor

Spear et al.

Group Art Unit

2661

Examiner Name

Not yet assigned

Attorney Docket Number

CE11711R

ENCLOSURES

(check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment/Reply

☐ After Final

☐ Affidavits/Declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement

☐ Certified Copy of Priority Documents

☐ Response to Missing Parts/
Incomplete Application

☐ Response to Missing Parts
Under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-Related papers

☐ Petition

☐ Petition to Convert to a
Provisional Application

☐ Power of Attorney,
Revocation,
Change of Correspondence
Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CDs

☐ After Allowance Communication to
Group

☐ Appeal Communication to Board
of Appeals and Interferences

☐ Appeal Communication to
Group
{Appeal Notice, Brief, Reply Brief}

☐ Proprietary Information

☐ Status Letter with appropriate copies

☐ Other Enclosure(s) (please identify
below)

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or
Individual

Steven A. May

Registration No.

44,912

Signature

Date

November 1, 2004

CERTIFICATE OF TRANSMITTAL/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO to facsimile number _____ or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date listed below:

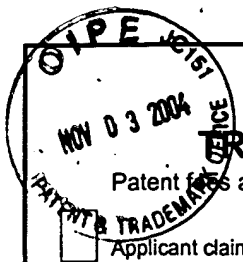
Typed or printed
name

Nanette Orr

Signature

Date

November 1, 2004



FEE TRANSMITTAL

Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27

Complete if Known

Application Number 10/721,668
Filing Date November 25, 2003
First Named Inventor Spear et al.
Examiner Name Not yet assigned
Group Art Unit 2661
Attorney Docket No. CE11711R

TOTAL AMOUNT OF PAYMENT

(\$)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

502117

Deposit Account Name

Motorola, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|
| 1001 | 770 | 2001 | 385 | Utility filing fee |
| 1002 | 340 | 2002 | 170 | Design filing fee |
| 1003 | 530 | 2003 | 265 | Plant filing fee |
| 1004 | 780 | 2004 | 385 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

| Total Claims | Previously Paid** | Extra Claims | Fee from below | Fee Paid |
|--------------------|-------------------|--------------|----------------|----------|
| Independent Claims | 20 | X | 18 | |
| Multiple Dependent | 3 | X | 86 | |
| | | | 280 | |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------------|-----------------------|----------------------|-----------------------|---|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | * Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | * Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 | Surcharge - late Provisional filing |
| 1053 | 130 | 1053 | 130 | Non-English specification |
| 1812 | 2520 | 1812 | 2520 | For filing a request for ex parte Reexamination |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action |
| 1805 | 1840* | 1805 | 1840* | Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month |
| 1254 | 1480 | 2254 | 740 | Extension for reply within fourth month |
| 1255 | 2010 | 2255 | 1005 | Extension for reply within fifth month |
| 1401 | 330 | 2401 | 165 | Notice of Appeal |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal |
| 1403 | 290 | 2403 | 145 | Request for oral hearing |
| 1451 | 1510 | 1451 | 1510 | Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |
| 1453 | 1330 | 2453 | 665 | Petition to revive - unintentional |
| 1501 | 1330 | 2501 | 665 | Utility issue fee (or reissue) |
| 1502 | 480 | 2502 | 240 | Design issue fee |
| 1503 | 640 | 2503 | 320 | Plant issue fee |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 | Submission of IDS |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |

Other fee (specify)

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)

Steven A. May

Signature

Complete (if applicable)

Registration No.

44,912

Telephone

847-576-3635

Date

November 1, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Spear et al.
Application No.: 10/721,668
Date Filed: November 25, 2003
Title: METHOD AND APPARATUS FOR MOBILE STATION REGISTRATION IN A CELLULAR COMMUNICATION SYSTEM

Group Art Unit: 2661
Examiner: Not yet assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are for consideration by the United States Patent and Trademark Office. Pursuant to the Office waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003, copies of the reference are not submitted herewith.

I. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b)-(d): (check only one box)

- a. ☒ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing date of a first Office Action on the merits; and/or before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114. No fee or statement is required.
- b. ☐ before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application. Petition fee set forth in §1.17(p) is required unless a statement under 37 C.F.R. §1.97(e) is provided.
- c. ☐ on or before payment of the issue fee. Petition fee set forth in §1.17(p) and a statement under 37 C.F.R. §1.97(e) are required.

II. ☐ STATEMENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
- c. ☐ some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable

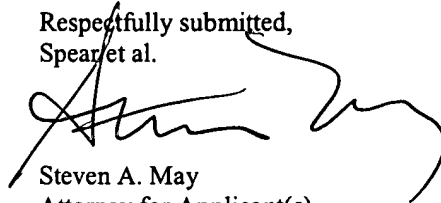
inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

III. PAYMENT OF FEES

- ☐ A check in the amount of _____ is enclosed for the above-identified fee(s).
☐ Please charge Deposit Account **502117** in the amount of \$____ for the above-indicated fee(s). Enclosed is a Fee Transmittal in duplicate.
☒ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account **502117**. Enclosed is a Fee Transmittal in duplicate.
☐ Two Copies of this paper are attached for Deposit Account charges and debits.

The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

Respectfully submitted,
Spear et al.



Steven A. May
Attorney for Applicant(s)
Reg. No. 44,912
Tel. 847-576-3635

MOTOROLA, INC.
Customer Number 22917

Enclosures: ☒ Information Disclosure
 ☒ Statement by Applicant
 ☒ References
 ☐ Foreign Search Report
 ☐ Other:

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 10/721,668 |
| Filing Date | November 25, 2003 |
| First Named Inventor | Spear et al. |
| Group Art Unit | 2661 |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | CE11711R |

Sheet _____ of _____

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | | 3GPP TS 04.18 v8.12.0 (2001-12), 3 rd Generation Partnership Project; Technical Specification Group GSM EDGE Radio Access Network; Mobile radio interface layer 3 specification, Radio Resource Control Protocol (Release 1999), 2001, Technical Specification, 3 GPP Organization Partners (AROB. CWTS. ETSI, TI, TTA. TTC), pages 1-101. | |
| | | 3GPP TS 23.060 v5.0.0 (2002-01), 3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service description; Stage 2 (Release 5), 23002, Technical Specification, 3GPP Organizational Partners (ARIB, CWTS, ETSI, TI, TTA, TTC). Pages 1-18, 141-156. | |
| | | 3GPP TS 45.002 v5.3.0 (2001-11), Release 5, Technical Specification, pages 15-16. | |
| | | 3GPP TS 44.060 v4.4.0 (2001-12), Release 4, Technical Specification, pages 17-42. | |
| | | SPEAR, STEPHEN ET AL.: "Method and Apparatus for Associating a continuous control channel to GSM GPRS/EDGE packet domain", June 3, 2003, pages 1-11. | |
| | | 3GPP TS 04.18 v8.12.0 (2001-12), Release 1999, Technical Specification, pages 97-294. | |
| | | 3GPP TS 45.008 v5.4.0 (2001-11), 3 RD Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network; Radio subsystem link control (Release 5), Global System for Mobile Communications, 3 GPP Organization Partners (AROB. CWTS. ETSI, TI, TTA. TTC), pages 1-101. | |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English Language Translation is attached.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.